PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yoshitaka SASAKI

Divisional of Application No.: 09/592,297

Filed: April 14, 2004 Docket No.: 106484.02

For: THIN-FILM MAGNETIC HEAD AND METHOD OF MANUFACTURING SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- 3. A co-pending U.S. patent application is identified on Form PTO 1449 of this Information Disclosure Statement. The Examiner is respectfully requested to consider each cited application and the art cited therein during examination of the present application.
- A. Relevance of references 19, 20 and 21 is discussed in the present specification.
- S. Reference 19 corresponds to reference 12.

6. The references were cited by or submitted to the Office in parent application No. 09/592,297, filed June 12, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Klifton L. Kime

Registration No. 42,733

JAO:KLK/kzb

Date: April 14, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Sheet	1	of	3	
Silcet		UI		

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 106484.02			DIVISIONAL OF APPLICATION NO. 09/592,297				
INFORMATION DISCLOSURE STATEMENT						09/39			
(Use several sheets if necessary)		APPLICANT Yoshitaka SASAKI							
				FILING D April 12,					
	,	U.S.	PATI	ENT DOCU	MENTS				
EXAMINER INITIAL		DOCUMENT NUMBER [DATE	NAME			CLASS	SUB CLASS
	1	5,473,491	12/:	5/1995	FUJISAWA ET AL.				
	2	5,155,646	10/	13/1992	FUJISAWA ET AL.				_
	3	2002/0067570 A1	06/	6/2002	SASAKI ET AL.				
	4	2003/0193743 A1	10/	16/2003	SASAKI ET AL.				
	5	6,381,093	04/	30/2002	YOSHIDA ET AL.				
•		FOREIC	SN PA	ATENT DO	CUMENTS				
		DOCUMENT NUMBER		DATE	COUNTRY			CLASS	SUB CLASS
	6	6-314413 (w/Abstr & trans)	11/	8/1994	JAPAN				
	7	3-100910 (w/Abstr) 4/2		5/1991	JAPAN				
	8	11-175916 (w/Abstr & trans) 7/		1999	JAPAN				
	9	11-167705 (w/Abstr & trans) 6/		2/1999	JAPAN				
	10	8-180323 (w/Abstr & trans) 7/		2/1996	JAPAN				
	11	10-55516 (w/Abstr & trans) 2/2		4/1998	JAPAN				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)									
	ļ								
<u> </u>					-				
						_			
EXAMINER						DATE CO	NSIDI	ERED	
		citation considered, whether or not ci					line th	rough citati	on if not in

Date: April 14, 2004

Sheet 2	of	3	
---------	----	---	--

NFORMATION DISCLOSURE STATEMENT AFPLICANT Yoshisaka SASAKI Filt Toshisaka SaSaki tal. SASAKI Toshisaka Sasaka Kalika Sasak	Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE			ATTY DOCKET NO. 106484		DIVISIONAL OF APPLICATION NO. 09/592,297					
NAME DOCUMENT NUMBER DATE NAME CLASS CLASS	INFORMATION DISCLOSURE STATEMENT										
June 12, 2000	(Use several sheets if necessary)										
EXAMINER NITIAL 12 5.438,747 08/1995 Krounbi et al. 360 126 13 6.452,742 09/2002 Crue et al. 360 126 14 6.400,527 06/2002 Gochou et al. 360 126 15 6.381,095 04/2002 Sin et al. 360 126 16 6.325,947 12/2001 Garfunkel et al. 216 22 17 6.259,585 07-2001 Sasaki et al. 360 317 18 6.156,375 12-2000 Hu et al. 427 116 18 6.156,375 12-2000 Hu et al. 427 116 19 JP-A-7-262519 10/1995 Japan											
NITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS	U.S. PATENT DOCUMENTS										
13 6.452,742			DOCUMENT NUMBER]	DATE	NAME		CLASS			
14 6,400,527		12 .	5,438,747	08/	1995	Krounbi et al.	· ·				
15		13	6,452,742	09/2	2002	Crue et al.		360	126		
16 6,325,947 12/2001 Garfunkel et al. 216 22 17 6,259,885 07-2001 Sasaki et al. 360 317 18 6,156,375 12-2000 Hu et al. 427 116	-	14	6,400,527	06/2	2002	Gochou et al.		360	126		
17 6,259,585 07-2001 Sasaki et al. 360 317 18 6,156,375 12-2000 Hu et al. 427 116	•	15	6,381,095	04/2	2002	Sin et al.		360	126		
18		16	6,325,947	12/2	2001	Garfunkel et al.		216	22		
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS 19 JP-A-7-262519 10/1995 Japan 20 JP-A-62-245509 10/1987 Japan 21 JP-A-60-10409 01/1985 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		17	6,259,585	07-2001		Sasaki et al.		360	317		
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS		18	6,156,375	12-3	2000	Hu et al.		427	116		
DOCUMENT NUMBER DATE COUNTRY CLASS CLASS 19 JP-A-7-262519 10/1987 Japan 21 JP-A-60-10409 01/1985 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			FOREIC	IN PA	ATENT DO	CUMENTS		T			
20 JP-A-62-245509 10/1987 Japan 21 JP-A-60-10409 01/1985 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED			DOCUMENT NUMBER		DATE COUNTRY		Y	CLASS			
21 JP-A-60-10409 01/1985 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		19	JP-A-7-262519	10/	1995	Japan					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		20	JP-A-62-245509 10.		1987	Japan					
EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		21	JP-A-60-10409 01		1985	Japan		-			
EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		!									
EXAMINER DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			OTHER DOCUMENTS (Inc	cludin	ng Author, T	Fitle, Date, Pertinent Pages	, etc.)				
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									_		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in								· ···········			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in							w was				
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			·						:		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered, include conv. of this form with next communication to applicant	EXAMINER						DATE CONSID	ERED			
volumentality and not considered. Biolide copy of this form with flext confinitumentality to applicant.	Examiner: In	nitial if onforma	citation considered, whether or not ci	tatior of this	is in cont form with	formance with M.P.E.P. 6	09; draw line th	rough citat	ion if not in		

Date: April 14, 2004

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE			ATTY DOCKET NO. 106484.02		. A	DIVISIONAL OF APPLICATION NO.				
INFORMATION DISCLOSURE STATEMENT							09/592,297			
(Use several sheets if necessary)				APPLICANTS Yoshitaka SASAKI						
				FILING D April 12,						
		U.S.	PATI	ENT DOCU	MENTS					
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME			CLASS.	SUB CLASS	
	22	6,016,290	01-2	2000	Chen et al.			369	13.17	
	23	4,899,434	02-	1990	Roberts			29	603.12	
_	24	6,557,242	05-:	2003	Santini			29	603.14	
	25	6,553,649	04-	2003	Santini	<u> </u>		29	603.14	
	26	6,477,007	11-	2002	Shukh et al.			360	126	
	27	6,377,423	04-:	2002	Dill et al.			360	126	
	28	6,191,918	02-2001		Clarke et al.			360	126	
	29	6,130,809 A	10-	2000	Santini			360	317	
	30	5,793,578 A	08-1998		Heim et al.			360	126	
	31 2003-0128465-A1 07/		07/:	2003	003 Sasaki					
FOREIGN PATENT DOCUMENTS										
DOCUMENT NUMBER		DATE		COUNTRY			CLASS	SUB CLASS		
	<u> </u>		<u> </u>			- , -,				
			Щ.							
	Γ	OTHER DOCUMENTS (Inc	cludin	ng Author, 7	Fitle, Date, Pertinent Pages	s, etc.)	•			
•										
	 									
•										
									-	
EXAMINER						DATE CON	ISIDE	RED		
		citation considered, whether or not ci					ne thr	ough citati	on if not in	

Date: April 14, 2004